



# Material Safety Data Sheet

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## Tile & Grout Cleaner

**Use: Bathroom Cleaner**

**Code:** FH500J

**Date of MSDS:** December 1, 2014

**WHMIS:** E

**TDG:** Not Regulated

**HMIS:** Health - 2, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone #**  
**CANUTEC 613-996-6666**

### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Phosphoric Acid	1-5	7664-38-2	1530 oral rat	not available
Citric Acid	1-5	77-92-9	not available	not available

### II - PHYSICAL DATA

<b>Physical State:</b> liquid	<b>Viscosity:</b> water thin	<b>Vapour Pressure:</b> not available
<b>Oil/Water Factor:</b> not available	<b>Appearance:</b> clear blue	<b>pH:</b> 1.25-1.50
<b>Vapour Density:</b> not available	<b>Evaporation Rate:</b> similar	<b>Odour:</b> mild
<b>Specific Gravity:</b> 1.042	<b>Boiling Point (°C):</b> 98	<b>Odour Threshold:</b> not available
<b>Freezing Point (°C):</b> not available		

### III - FIRE AND EXPLOSION DATA

<b>Conditions of Flammability:</b> not flammable	<b>UFL:</b> not available
<b>Flash Point and Test Method:</b> none	<b>LFL:</b> not available
<b>Sensitivity to Static Discharge or Mechanical Impact:</b> not available	<b>Auto-Ignition Temperature:</b> not available
<b>Hazardous Combustion Products:</b> oxides of carbon	
<b>Means of Extinction:</b> treat for surrounding material	

### IV - REACTIVITY DATA

<b>Conditions of Chemical Instability:</b> stable	<b>Conditions of Reactivity:</b> not applicable
<b>Incompatible Substances:</b> aluminum, magnesium, strong caustics, strong oxidizing agents	
<b>Hazardous Decomposition Products:</b> not available	
<b>Storage Requirements:</b> store in closed containers away from incompatible materials	

### V - TOXICOLOGICAL PROPERTIES

<b>Synergistic Materials:</b> none known	<b>Route(s) of Entry:</b> skin, eyes, ingestion, inhalation
<b>Irritancy of Product:</b> corrosive	<b>Sensitization:</b> not available
<b>Acute Effects</b>	<b>Chronic Effects</b>
<b>Eye:</b> can cause severe irritation, reddening and swelling	<b>Carcinogen:</b> none known
<b>Skin:</b> may cause moderate to high irritation	<b>Teratogen:</b> none known
<b>Inhalation:</b> not available	<b>Mutagen:</b> none known
<b>Ingestion:</b> can cause vomiting, headache and medical problems	<b>Reproductive Toxin:</b> none known
<b>Prolonged or Repeated Exposure: Skin</b> - can cause drying, defatting or dermatitis	

### VI - FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
<b>Skin Contact:</b>	Immediately flush with water for 15 minutes. Contact a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods, or discard.
<b>Inhalation:</b>	Remove to fresh air. If symptoms persist, contact a physician.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

### VII - PROTECTIVE EQUIPMENT

**Personal Protective Equipment:**

<b>Eyes:</b> safety glasses	<b>Skin:</b> impermeable gloves
<b>Respiratory:</b> not normally required if good ventilation is maintained	

**Ventilation:** general ventilation normally adequate

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial and local regulations prior to disposal.

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